

Claims.

1 1. A jack bar assembly capable of incrementally increasing
2 its length wherein an elongated toothed jack bar includes a
3 carriage ^{freely} longitudinally movable thereon, a pivoted operating lever
4 mounted on the carriage and pivoted power and lock pawls mounted on
5 the operating lever biased toward the jack bar by power pawl and
6 lock pawl spring means, respectively, the improvement comprising,
7 a quick release actuator ^{movably and relative to} mounted on the operating lever movable
8 between quick release operative and inoperative positions, said
9 quick release actuator operative position disengaging the lock pawl
10 from the teeth of the jack bar to permit quick adjustment of the
11 carriage on the jack bar in either longitudinal direction.

1 2. In a jack bar assembly as in claim 1, a quick release
2 pivot mounted on said operating lever, said quick release actuator
3 comprising a release lever mounted upon said quick release pivot.

1 3. In a jack bar assembly as in claim 1, said quick release
2 actuator being operatively connected to the lock pawl spring means
3 wherein said operative position of said quick release actuator
4 renders said lock pawl spring means inoperative with respect to
5 biasing the lock pawl toward the jack bar.

1 4. In a jack bar assembly as in claim 3, spring anchors
2 defined on said power and lock pawls, the power pawl and lock pawl
3 spring means comprising a single shaped leaf spring having first
4 and second ends anchored to the power pawl and lock pawl anchors,
5 respectively.

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1 5. In a jack bar assembly as in claim 4, said quick release
2 actuator engaging said leaf spring adjacent said second end lifting
3 the lock pawl from the jack bar when in the operative position.

1 6. In a jack bar assembly as in claim 5, said leaf spring
2 including a substantially flat land adjacent said leaf spring
3 second end, said quick release actuator engaging said leaf spring
4 land.

1 7. In a jack bar assembly as in claim 6, said quick release
2 actuator comprising a lever pivotally mounted on the operating
3 lever engaging said leaf spring land.